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 Physics Department
 Undergraduate
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Education and Outreach Program: Successful Implementation of Educational Materials for the K-16 continuum

The principal objective of the program is to implement the recent research results into the classroom to explain the concepts of science presented in the curriculum. We develop new curricular material that implements innovative nanoscience and technology skills and concepts to explore the fundamental science and the interdisciplinary thinking. This workshops are from the latest research results of NASA laboratories.

One emphasis of the program is to train teachers reinforcing basic concepts in Physics, Biology, Chemistry, and Mathematical sing interdisciplinary educational modules that can implement in the classroom.

An important aspect of the program is to disseminate nanoscience concepts aligned with NASA mission to the general public using high impact public outreach activities such as NanoDays.



**Education and Outreach
 NASA
 Collaboration**

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Numbers of People Impacted	
Level	2009-2010
General Public	6860
Students 3-6	57
Students 7-9	1123
Students 10-12	572
Teachers	322
University	274
Total	9211

Nanoscience exposition, NanoDays, Plaza Las Americas, San Juan, April 23-24, 2010
 USA Science & Engenering festivas, National Mall, Washintong DC, October 23-24 2010
 Technical Review Committee visit, University of Puerto Rico, Cayey Campus, November 15, 2010